

**Fig. 1**

Fig. 2

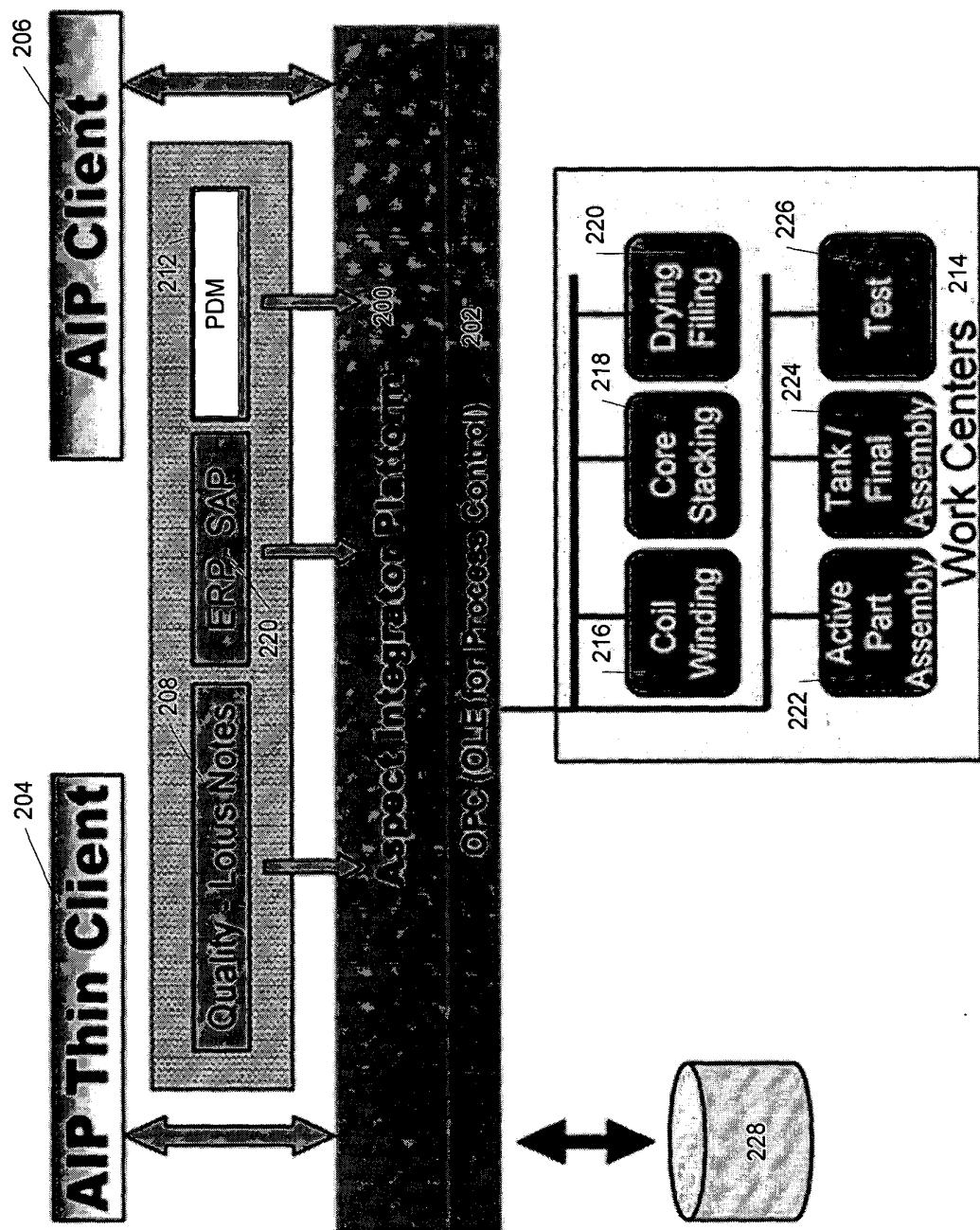
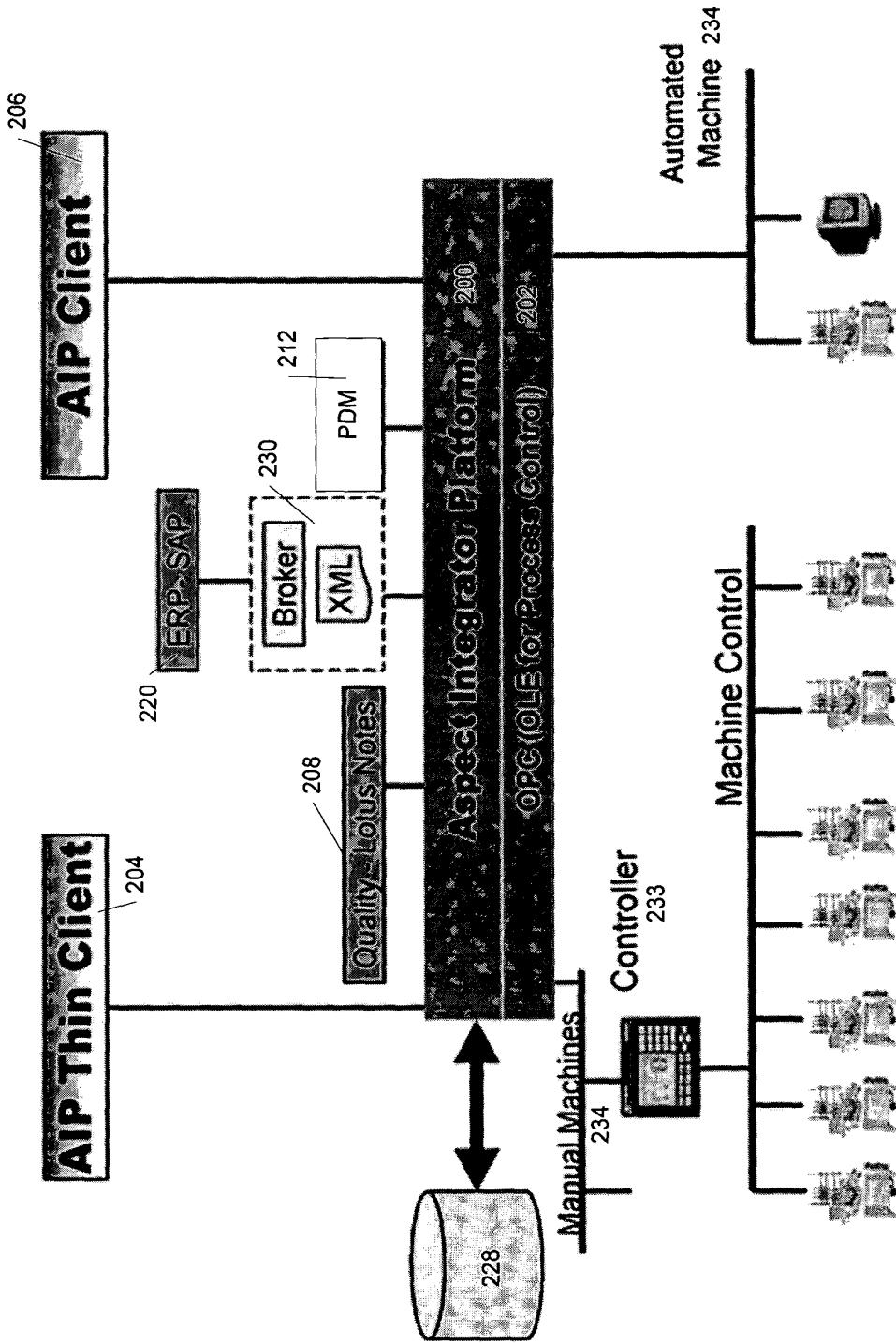
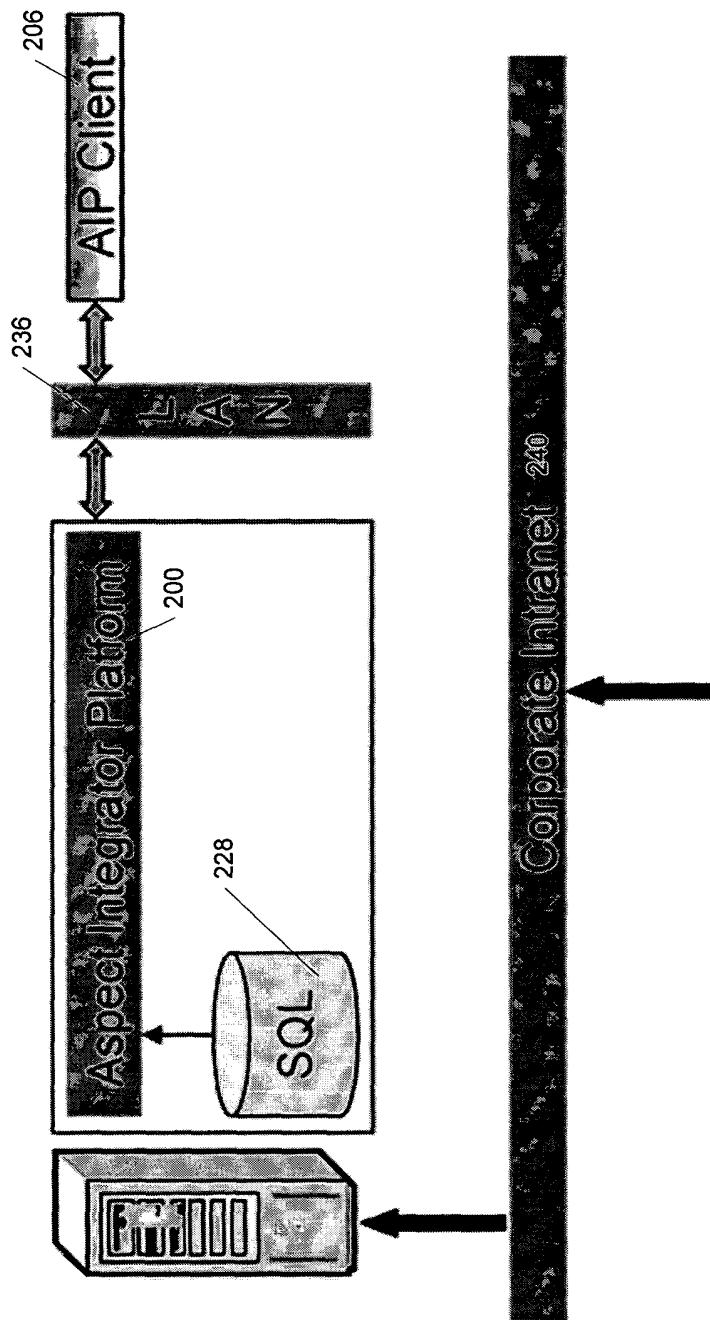


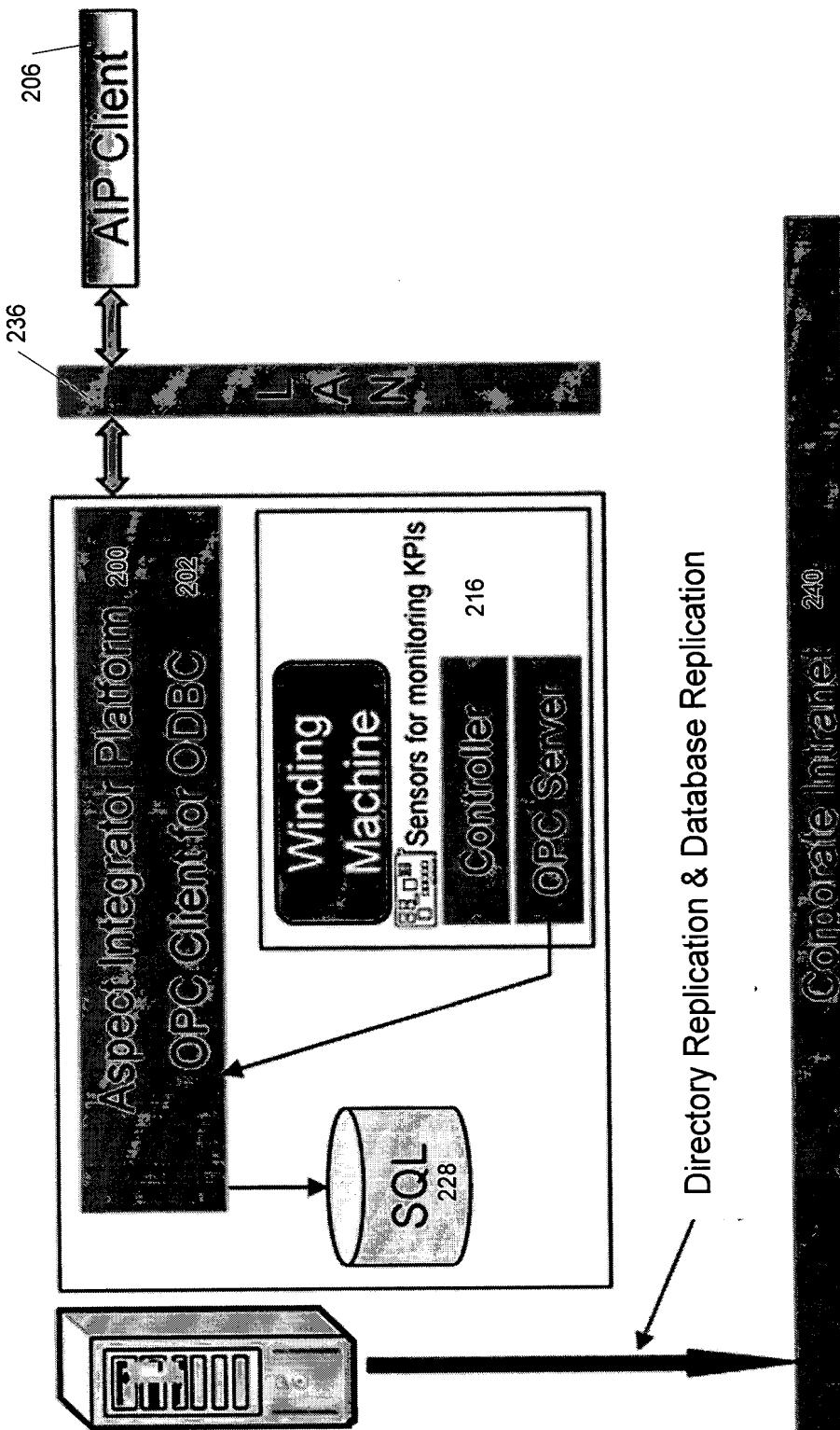
Fig. 3





**Fig. 4**

Directory Replication & Database Replication



**Fig. 5**

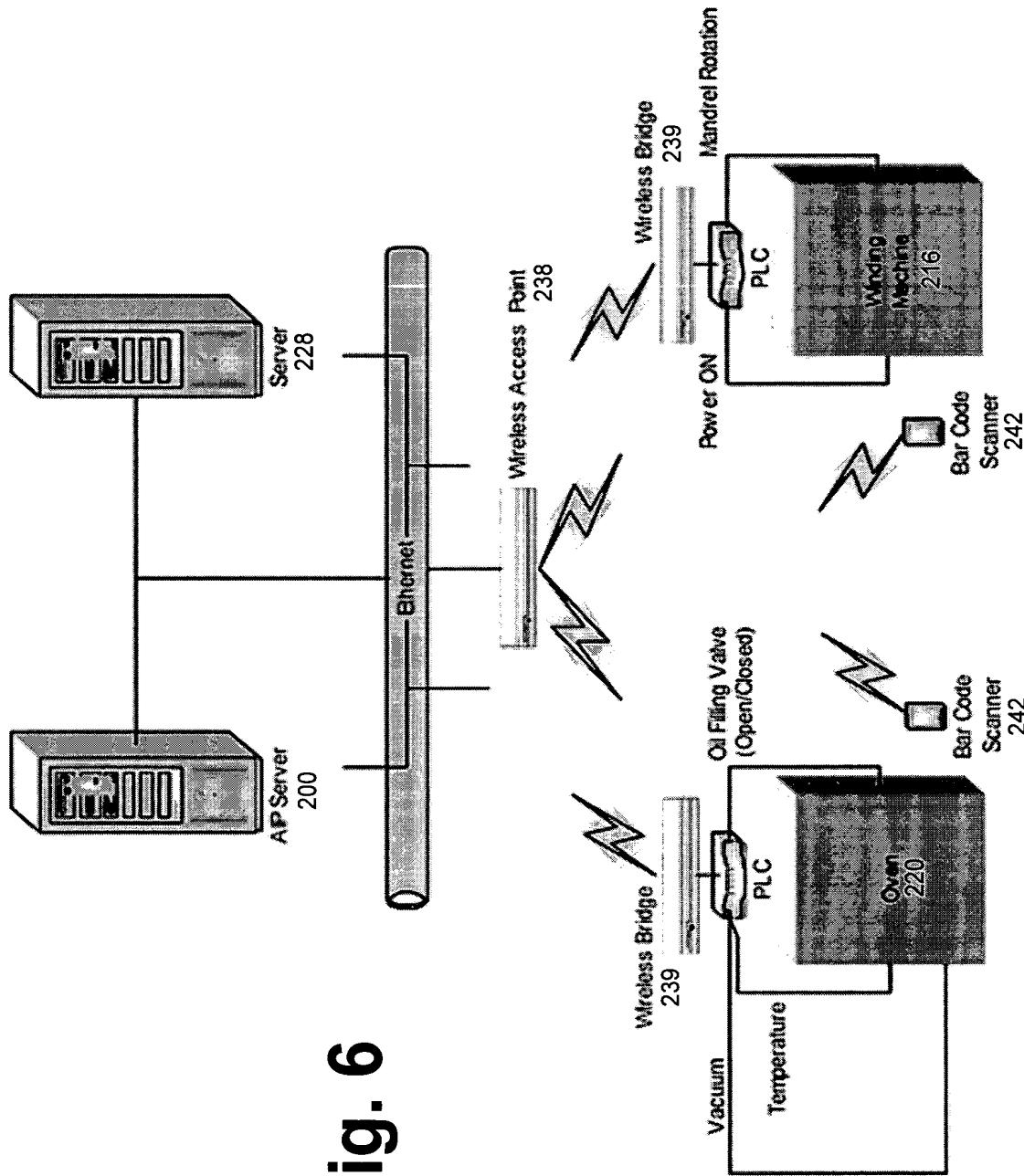
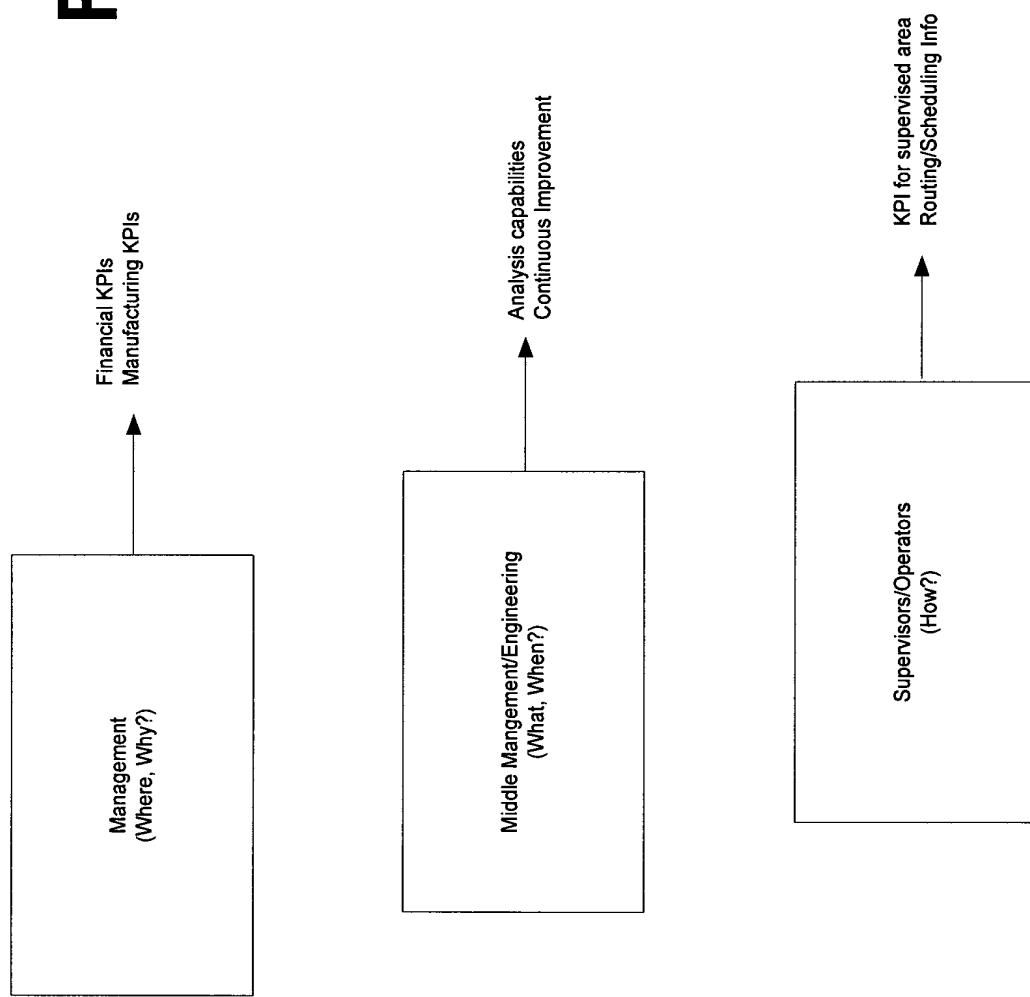


Fig. 6

**Fig. 7**



## BA Throughput report

ABG  
- PIPR  
- BA

(This is a Clickable Report)

- Man-hour capacity
- Operational status

Search

- Throughput Report
- Utilization Report
- Operational Status
- Man-hour capacity
- VIP
- WO Tracking
- Non-conformity
- Project tracking

Legends

- Manufacturing time Report
- Utilization Report
- Operational Status
- Man-hour capacity
- VIP
- WO Tracking
- Non-conformity
- Project tracking

Ex:

This report allows you to view BA throughput by BAU and by Product line. You can either view throughput for any period of time, or you can compare throughput for 2 periods of time. If you can compare throughput for 2 periods of time for any period of time (in days) that a WO is in process (from start of WO to end of WO, drop per BAU or per product line, for specified period of time).

Generate report

Do you want to see throughput for a time period, or comparison?

For one time period from

Select day ▶ To Select day ▶

Compare from

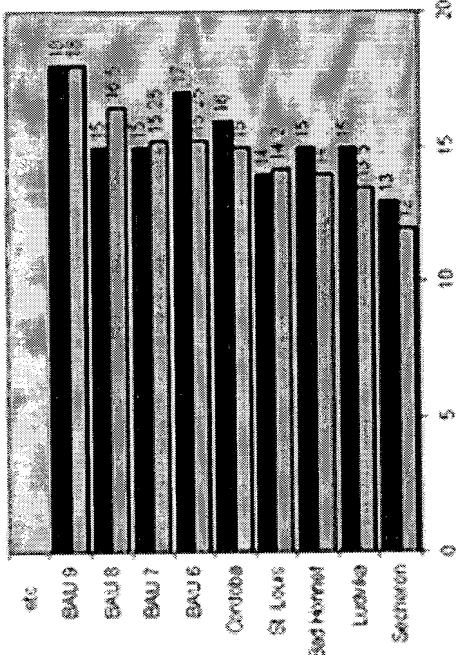
Select day ▶ To Select day ▶

and from

Select day ▶ To Select day ▶

Avg WO throughput by BAU, In days

Avg from 1-Jan-2002 to 31-Dec-2002  
 Avg from 1-Jan-2001 to 31-Dec-2001



Check on any BAU to display detailed Day Throughput report

**Fig. 8**

## BA Utilization (Coil Winding WC)

This report allows you to view Avg % Utilization by BAU for the coil winding work center. You can either view utilization for any period of time, or you can compare utilization for 2 periods of time (e.g. compare one month to another). Utilization is the percentage of usage time divided by theoretical available time.

[Generate report](#)

Do you want to see utilization for a time period, or comparison?

- For one time period from  to
- Compare items  to
- And item  to

Avg % Coil Winding utilization

Location	Avg from 1-Jan-2002 to 31-Dec-2002 (%)	Avg from 1-Jan-2003 to 31-Dec-2003 (%)
etc.	70	65
BAU 9	60	60
BAU 8	60	60
BAU 7	55	55
BAU 6	70	70
Cordoba	45	45
St Louis	50	50
Bid Kurnia	55	55
Lutjehuis	62	62
Secheron	64	64

Percentage

Click on any BAU to display detailed BAU utilization report!

Fig. 9

## BA Man-hour capacity report

- PPT
- BA
- Throughput Report
- Manufacturing Status**
- Capacity Planning
- Scheduling
- Throughput Report
- Utilization Report
- Order ahead Status
- Man-hour capacity
- WIP
- WO Tracking
- Non-conformity
- Project tracking
- Legend
- Manufacturing
- Time Report
- Utilization Report
- Operational Status
- Man-hour capacity
- WIP
- WO Tracking
- Non-conformity
- Project tracking
- Etc.

This report shows you to view used BA man-hours, either as % used man-hours factored used man-hours / available man-hours) for BAU, or as total available & actual used % of man-hour's per BAU. You can always view man-hours for any period of time, or you can compare throughout for 2 periods of time (ex. compare one month to another)

**What man-hour report do you want to see?**

- % used man-hours
- Total available & actual of used man-hours

**Do you want to see man-hour for a time period, or comparison?**

- For one time period from  to
- Compare from  to  and from  to

**Generate report**

**Total avail. man hours & actual used man hours (comparison)**

Actual used 1-Jan-2001 to 31-Dec-2002

Total used 1-Jan-2002 to 31-Dec-2002

Actual used 1-Jan-2001 to 31-Dec-2001

Total used 1-Jan-2001 to 31-Dec-2001

Period	BAU 9	BAU 7	Corolla	Blue Hornet	Sochiron
Actual used 1-Jan-2001 to 31-Dec-2002	~5000	~5000	~5000	~5000	~5000
Total used 1-Jan-2002 to 31-Dec-2002	~5500	~5500	~5500	~5500	~5500
Actual used 1-Jan-2001 to 31-Dec-2001	~4500	~4500	~4500	~4500	~4500
Total used 1-Jan-2001 to 31-Dec-2001	~5000	~5000	~5000	~5000	~5000

Click on any BAU to display detailed BAU Time spent report

**Fig. 10**

Secheron home page

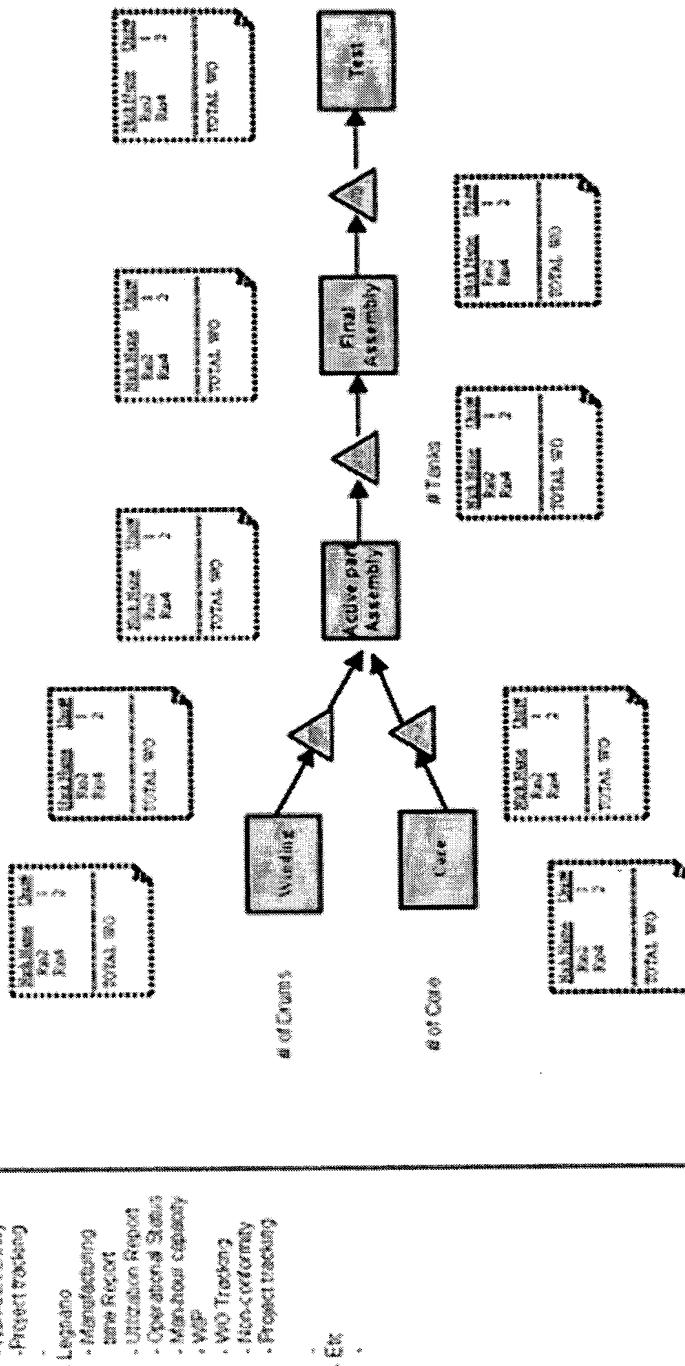
## Summary

- PPT
  - G4
  - Throughput Report
  - Utilization Report
  - Machine Capacity
  - Operational Status
  - Overall Summary
  - Configuration
  - Site Report
  - Utilization Report
  - Operational Status
  - Machine Capacity
  - VSP
  - WHO Training
  - Non-compliance
  - Process training
  - Legend
  - Manufacturing
  - Site Report
  - Utilization Report
  - Operational Status
  - Machine capacity
  - VSP
  - WHO Training
  - Non-compliance
  - Process training

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Avg Throughput YTD (Days work order starts and ends): 23 days  
 Avg Manufacturing hours (time associated with production): 132 hrs  
 Avg Utilization YTD (winding, Oil filling): 56%  
 How many conformity reports Ytd: 23

Work in progress



**Fig. 1**

## BAU Operational Status Report

This report displays the current operational status of the all work stations within that BAU.

Do you want to see utilization for a time period, or comparison?	
<input checked="" type="radio"/> For one time period from <input type="text"/> Select day to <input type="text"/> Select day	<input type="radio"/> Current Day

- machine off
- machine on but not running
- machine on and running
- machine off and running

	100%	20%	40%	60%	80%	100%	Total "On" Status
Winding Work Center							
Winding Machine 1	●	45%	45%	45%	45%	45%	2300h
Winding Machine 2	○	45%	45%	45%	45%	45%	1300h
Winding Machine 3	○	45%	45%	45%	45%	45%	600h
Winding Machine 4	●	45%	45%	45%	45%	45%	3300h
Winding Machine 5	○	75%	75%	75%	75%	75%	245h
Winding Machine 6	○	45%	45%	45%	45%	45%	2320h

### Final Assembly WC

Oven 1	●	Temperature	25	3300h
Oil Fill 1	●	Vacuum Level	60	56%
Oven 2	●	Temperature	30	245h
Oil Fill 2	●	Vacuum Level	55	2320h
				210h

# Fig. 12

<b>BAU Project tracking</b>	
<p>ASB PPT BA</p> <ul style="list-style-type: none"> <li>- Throughput Report</li> <li>- Utilization Report</li> <li>- Machine Capacity</li> <li>- Operational Status</li> </ul> <p>Schedule</p> <ul style="list-style-type: none"> <li>- Manufacturing</li> <li>- Time Report</li> <li>- Utilization Report</li> <li>- Operational Status</li> <li>- Machine Capacity</li> <li>- WIP</li> <li>- WO Tracking</li> <li><b>Manufacturing</b></li> </ul> <p>Spain</p> <ul style="list-style-type: none"> <li>- Manufacturing</li> <li>- Time Report</li> <li>- Utilization Report</li> <li>- Operational Status</li> <li>- Machine Capacity</li> <li>- WIP</li> <li>- WO Tracking</li> <li>- Non conforming</li> <li>- Project tracking</li> <li>- Etc.</li> </ul>	<p>This report allows you to select desired information, machine's starting time, time for activity, time for activity. You can select the project for the report, and view the information by WO or for all WCs. In addition, you may choose to see the information broken down by WO.</p> <p><b>Select Project, or select WC or All WCs*</b></p> <p><input checked="" type="radio"/> Project      <input type="radio"/> All WC      <input type="radio"/> Select Unit</p> <p><b>From:</b> <input type="text"/> Select date      <b>To:</b> <input type="text"/> Select date</p> <p><b>Generate report</b></p> <p><b>Which report do you want to see?</b></p> <p><input checked="" type="radio"/> Manufacturing time  <input type="radio"/> Time by product category  <input type="radio"/> Time by activity  <input type="radio"/> Throughput time  <input type="radio"/> Planned vs Actual</p> <p><b>Project: Kiruna</b>  <b>WC: All WC</b></p> <p><b>Manufacturing Time</b></p>

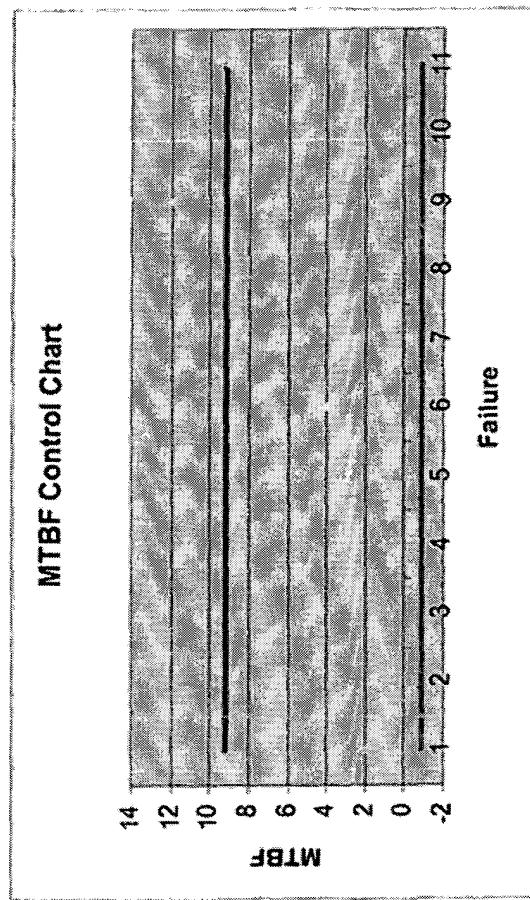
**Fig. 13**



<p><b>ABT</b></p> <ul style="list-style-type: none"> <li>- PPT</li> <li>- BA</li> <li>- The Project Report           <ul style="list-style-type: none"> <li>- Utilization Report</li> <li>- Manufacturing Capacity</li> <li>- Operations Status</li> </ul> </li> <li>- Secheron           <ul style="list-style-type: none"> <li>- Manufacturing Time Report</li> <li>- Utilization Report</li> <li>- Operations Status</li> <li>- Manufacturing Capacity</li> <li>- WIP</li> <li>- WO Tracking</li> <li>- Etc.</li> </ul> </li> <li>- Leganza           <ul style="list-style-type: none"> <li>- Manufacturing Time Report</li> <li>- Utilization Report</li> <li>- Operations Status</li> <li>- Manufacturing Capacity</li> <li>- WIP</li> <li>- WO Tracking</li> <li>- Non-conformance</li> <li>- Project tracking</li> <li>- Etc.</li> </ul> </li> </ul>	<p>This report allows you to see project information organized by time, time by problem category, time for activity. You can select the project for the report, and view the information by WO, or for all WC's. In addition, you may choose to see the information broken down by WO.</p> <p><b>Select Project, or select WC or All WC's</b></p> <p><b>Project:</b> All Projects      <b>WC:</b> All WC's      <b>Time:</b> Select This</p> <p><b>Which report do you want to see?</b></p> <ul style="list-style-type: none"> <li>Manufacturing Time</li> <li>Time by Problem Category</li> <li>Time by Activity</li> <li>Time by Project Line</li> <li>Planned vs Actual</li> </ul> <p><b>Generate report</b></p> <p><b>Report Selection</b></p> <p><b>Project:</b> All Projects      <b>WC:</b> All WC's      <b>Time:</b> Select This</p> <p><b>Break Down</b></p> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Break Down</li> <li><input checked="" type="checkbox"/> Tech. Prob.</li> <li><input type="checkbox"/> Quality</li> <li><input type="checkbox"/> Material</li> </ul>
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**Fig. 15**

**Fig. 16**



**Fig. 17**

